In the present adaptive scheme, the number of tokens, N, is [set to] a variable [M]. Each time [that] a first transmission is performed, the client informs the server what the new value of [M] $\underline{N}$ is and includes [M] $\underline{N}$ number of tokens to be used later to authenticate the client. In addition, the server may instruct the client to restart the transmission process with a new "first" secure transmission based on the process or server requirements on its end.

Please amend page 29, third full paragraph, to read as follows:

In determining and setting the value [M] $\underline{N}$, the clients and/or server can take into account any combination of the following criteria:

Please amend page 30, paragraph 1, to read as follows:

1. The frequency of transmission from the client to server as compared to an average frequency. [The] If the frequency is higher than the average frequency, [than] then the value [M] $\underline{N}$ is set higher. Alternatively, if the frequency is less than the average frequency, [than] then the value [M] $\underline{N}$ could be set lower.

Please amend page 30, paragraph 2, to read as follows:

2.   The "closeness" of the client to the part of the web site concerning a large number of transactions. For example, once a client has logged [in]onto the system, and travels closer to the video storage page by accessing introductory pages, the value [M] N could be decreased by the server in [its] anticipation of receiving a large number of transact-tions, such as a continually updated digital video feed.

Please amend page 30, paragraph 3, to read as follows:

3.   Client usage patterns. For example, if a particular client has logged [in] on at noon consistently during the past week, then it is likely that this [particular] client will be logging on again today at noon and transmitting data. In such an instance, the variable [M] N could be proactively increased at noon in anticipation that it will again log on and transmit data. Similarly, if a client located on the east coast of the United States does not log onto [the] server 14 during normal sleeping hours, *i.e.*, between 12:00 a.m. and 7:00 a.m., then the variable [M] N could be reduced since it is unlikely that data will be sent by them during this time.

Please amend from after paragraph 3 on page 30 to before the first full paragraph on page 31 to read as follows:

4.   The sensitivity of the data and the security of transmission environment: For example, if the transmission environment is a wireless network that is susceptible to third